

ABSTRACT

A PC card and a method of controlling the PC card are provided which can be used to add multiple capabilities to an information processing apparatus in cooperation with a conventional card only by the use of a single card slot.

The PC card 1 is provided with a multifunctional adapter unit 2 which controls data exchange between the information processing apparatus 20 and the function of the PC card or data exchange between the information processing apparatus 20 and the function of the PHS card, and a PC card function control unit 3 which controls the function of the PC card. The multifunctional adapter unit 2 is provided with a communication control unit 2a, an area builder unit 2b, an address control unit 2c, an interrupt request control unit 2d, and an interrupt cause register set 2e. A global card information structure and a global register area are built in the multifunctional adapter unit 2 by the area builder unit 2b in order to control the address operations to the PC card 1 by the information processing apparatus when the information processing apparatus refers to the PC card, and thereby both the memory spaces of the PC card function control unit 3 and the PHS card function control unit 4 can be accessed.